1467

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1468

Sta.	Rate of grade	Elev.
B 12+77		30.24
	+0.40	
B 17+02		31.94
	+0.060	
B 22+52.95 = A 0+00		32.270
	+0.060	
A 15+50		33.20

C. LINE

Sta.	Rate	Elev.
C 1+90 = A 10+35	-1.58975	32.891
C 5+90		26.532
	Level.	
C 10+53.1		26.532

14961

B Line

Sta.	Grade	X Sections L.	C	R
18	31.998	-3.9 -2.7	-2.0	0.0
		7.9 9		6.5
	+0.060			
+50	31.968			
17+02	31.940			
16+50	31.732			
	+0.40			
16+00	31.532			
15+50	31.332			
15	31.132			
+50	30.932			
B 14	30.732			

See Transit Book # 15, page 24
See Level Book # 15, page 12

B.M 33.090 Spike in Cottonwood

Pages 6 To 10 Used In
Final Estimate Item No 1,

10741

A+B Lines Grade

X Sections

S/2

		L.	C.	R.	
0+50	32.30				

BM. 30.696 = Spike in Cottonwood. R. of Sta. 0+00

A0+00	32.270	-2.8	-2.7	-2.7	-3.0	-3.1	-2.6	✓
B.32+52.95		26.2	22.	13.	6.5		6.5	
B22	32.238	-4.3	-3.2	-2.9	-2.9	-2.8	-3.0	-2.9	✓
		28.4	23.5	22.	13.	6.5		6.5
+50	32.208	+1.9	-3.3	-2.7	-2.3	-2.1	-1.7	
		29.4	22.	13.	6.5		6.5	
21	32.178	-5.4	-3.9	-2.9	-2.4	-1.9	-1.5	
		30.1	22.	13.	6.5		6.5	
+50	32.148	-4.8	-4.4	-3.7	-2.7	-2.6	-1.5	
		29.2	22.	13.	6.5		6.5	
20	32.118							✓
+50	32.088	-2.6	-3.3	-3.2	-2.5	-2.2	-2.1	-1.6	0.0
		25.9	22.5	22.	13.	6.5		3.	6.5
19	32.058	-3.9	-3.5	-2.7	-2.3	-1.8	-1.5	0.0
		27.9	22.	13.	6.5		2.5	6.5
+50	32.028	-4.4	-3.3	-2.6	-2.1	-1.6	0.0
		28.6	22.	13.	6.5		6.5	

+0.60

11471

A LINE S1/2

	Grade	L.	C.	R.
5+20	32.58	-7.2 -6.3 -5.4 -5.2 -4.3 -2.9 32.8 22.0 13. 6.5 6.5		
5	32.57	-7.4 -7.7 -7.5 -6.6 -6.5 -4.0 33.1 22. 13. 6.5 6.5		
+75	32.5525	-8.5 -8.4 -8.1 -7.4 -6.2 -4.3 34.8 22. 13. 6.5 6.5		
+50	32.54	-9.0 -8.4 -7.8 -6.7 -5.3 -2.4 35.5 22. 13. 6.5 6.5		
+20	32.522	-7.6 -7.6 -8.1 -7.8 -6.6 -4.0 32.4 22. 13. 6.5 6.5		
4	32.51	-8.0 -8.2 -8.4 -8.5 -8.1 -4.0 34.0 22. 13. 6.5 6.5		
+70	32.492	-8.0 -7.8 -7.1 -6.5 -5.1 -3.8 34.0 22. 13. 6.5 6.5		
+50	32.48	-7.8 -7.8 -8.3 -8.3 -7.8 -5.4 33.7 22. 13. 6.5 6.5		
3	32.45	-6.7 -6.0 -5.9 -6.0 -5.5 -3.7 32.0 22. 13. 6.5 6.5		✓
+75	32.435	-3.3 -3.7 -4.0 -4.2 -3.7 -3.2 27.0 22. 13. 6.5 6.5		
+50	32.42	-3.1 -2.9 -2.7 -2.7 -2.8 -3.0 26.6 22. 13. 6.5 6.5		✓
2	32.39	-3.7 -3.7 -3.5 -3.0 -2.9 -2.4 27.6 22. 13. 6.5 6.5		
+50	32.36	-3.3 -3.1 -3.1 -3.0 -2.9 -2.9 26.8 22. 13. 6.5 6.5		
1	32.33	-2.9 -2.8 -2.6 -2.7 -2.8 -2.6 26.4 22. 13. 13. 6.5		

1472

Sta 2: A. LINER Grade L. C. R. July 13/09

	+50	32.84		-3.9 -3.0 -2.9 -2.0 -1.8 -1.9 27.9 22. 13. 6.5 6.5				
9		32.81		-4.0 -3.3 -2.8 -2.0 -1.7 -1.7 28.0 22. 13. 6.5 6.5				✓
	+50	32.78		-3.6 -2.8 -1.7 -1.6 -1.6 -1.9 27.4 22. 13. 6.5 6.5				
BM 27.319			Spike in Cottonwood 40' R of A.8+00					
8		32.75		-4.2 -3.3 -2.2 -1.8 -1.8 -2.0 28.3 22. 13. 6.5 6.5				✓
	+50	32.72		-5.8 -4.7 -3.2 -2.1 -2.1 30.7 22. 13. 6.5				
7		32.69		-7.2 32.8 -6.6 -5.1 -4.4 -2.6 -2.7 H.P. 22. 13. 6.5 6.5				
	+84	32.68	Northside	-2.2 -1.6 -1.5 -1.4 -1.4 22.0 13. 6.5 6.5				✓
	+50	32.66	H.P. Northside	-1.7 -1.9 -1.8 -1.9 -1.9 22.0 13. 6.5 6.5				
6		32.63	H.P. Northside	-1.8 -2.0 -2.1 -1.9 -1.7 22.0 13. 6.5 6.5				
	+50	32.60	W.P. Northside	-1.8 -1.7 -1.5 -1.5 -1.3 22.0 13. 6.5 6.5				
	+36	32.59	H.P. Northside	-1.8 -1.5 -1.5 -1.6 -1.7 22. 13. 6.5 6.5				

Vertical Readings

Rt Right Cr. Ft. Rock Bed Cr. Ft. Rock

14173

Sta.	"A" Line grade		L.	C.	R.	
	+50	33.14	-5.8 -4.4 0.0 0.0 0.0 0.0 30.7 26. 12.0 9.0 6.5			
14		33.11	-9.5 -8.8 -5.3 0.0 0.0 0.0 0.0 36.2 33. 23. 11.0 9.0 6.5			✓
	+50	33.08	-14.0 -13.8 -7.0 0.0 0.0 0.0 0.0 43.0 39. 26. 11. 9.0 6.5			
13		33.05	-15.2 -14.0 -8.2 0.0 0.0 0.0 0.0 44.8 40. 27. 11.0 9.0 6.5			✓
	+50	33.02	-4.9 -4.3 0.0 0.0 0.0 0.0 29.4 26. 11.0 9. 6.5			
12		32.99				
	+50	32.96				
11		32.93				10 ✓
	+70	32.912	-11.1 -11.1 -6.2 -2.2 -2.0 -1.9 -0.6 -0.5 38.6 32. 22. 14.5 13. 6.5			
	+50	32.90	-13.8 -11.9 -5.8 -3.1 -2.6 -2.3 -1.0 -0.6 42.7 31. 22. 16. 13. 6.5			
10		32.87	-13.2 -1.2 -2.3 -2.4 -2.0 -1.9 -1.8 41.8 22. 18. 13. 6.5			

+0.060

J 1/3.

+ 50 @ 33.40

Rd. Wall. 0-0

BM. 33.656 on NW. Cor. of Concrete Footing of Wall.

	+ 32										
A 15	0	33.17		-6.3	-4.8	0.0	0.0	0.0			
	0			31.4	22.	12.5	9.			2.5	
	0			-5.6	-4.9	-0.2	0.0	0.0	0.0	0.0	
	0			30.4	26.	17.5	12.5	9.		6.5	
	1										

1475

Pages 12 To 13 Used In
Final Estimate Item No 4. and 15.

1476

S/2: Grade L. C. R. Feb 9/48. 13.

#1

Continued in Cross Section Book Sta 0 to Sta 208 page 8

(A) 29.				0.0	0.0	0.0	
				22.0		6.5	
+ 50			-1.6	0.0	0.0	0.0	
			24.4	19.		6.5	
28		-3.7	-1.0	0.0	0.0	0.0	
		27.6	20.	11.5		6.5	
27 + 50	-11.5	-11.1	-8.7	0.0	0.0	0.0	
	29.2	24.5	20.0	2.		6.5	
27+29.1 CC 6°L.		-13.8	-13.2	0.0	0.0	0.0	
		42.7	26.5	2.		6.5	
26 + 99.1	-14.3	-13.9	-9.4	0.0	0.0	0.0	
	43.3	29.5	21.	4.0		6.5	
26+69.1		-13.9	-13.5	0.0	0.0	0.0	
		42.9	29.	3.8		6.5	
26+39.1		-14.2	-13.3	0.0	0.0	0.0	
		43.3	28.	3.		6.5	
26+09.1		-14.8	-14.0	0.0	0.0	0.0	
		44.2	29.	3.		6.5	
25+79.1 BC. T2L.		-15.3	-14.9	0.0	0.0	0.0	
		45.0	31.	2.		6.5	
25+50	32:20	-15.8	-16.1	-0.9	-0.2	0.0	0.0
		45.7	30.5	2.		1.	6.5

22' R. B. on Left.

14771

A Line

Measurements to Crest of Levee and 5-foot Contours

Sta				Crest							
12			19.0	21.0	33.7	33.7	33.7	30.0	25.0	20.0	15.0	12.1
			89.	41.	11.		13.	31.	31.	43	55.	64.
										10.0	5.0	
										46.	82.	S.M.
11					Crest							
	19.0	24.0	29.8	30.0	33.0	33.7	33.0	30.0	25.0	20.0	15.	12.1
	88.	50.	71.5	13.	8.		9.	19.	30.	48.	55.	65.
										10.0	5.0	
										42.	88.	S.M.
10.					Crest							
			18.1	19.0	30.8	31.7	30.8	25.0	20.0	15.0	12.1	
			54.	46.	18.		10.	27.	51.0	58	68.	
										10.0	5.0	
										69.	82.	S.M.
9					Crest							
			23.0	29.0	29.8	31.7	30.0	25.0	20.0	15.0	12.1	
			57.5	38	19.		13.5	32.	52.0	61.	64.	

from page 25.

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A Line

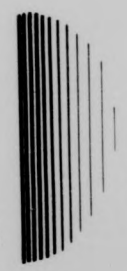
Measurements from A Line to Crest of Levee and 5-foot Contours

June 23/0 19.

S/2.												
											10.0	5.0
											92	100. S.M
26				Crest 33.2 22.	33.2	33.2 22.	30.0 42.	25.0 52	20.0 75.	15.0 86.	12.0 90.	
											+ 10.0	5.0
											91.	97 S.M
25				33.2 22.	33.2	33.2 21.5	30.0 39.	25.0 50.	20.0 70.	15.0 81.	12.0 88.	
										15	10.	5.0
										= 85.	97.	103 S.M
24				33.2 22	33.2	33.2 22.	30.0 40.	25.0 49.	20.0 74		12.0 93	
										12.0	5.0	
										+ 87.5	101.	S.M
23				33.2 22.	33.2	33.2 22.5	30.0 42.	25.0 32.	20.0 69.	15.0 78.	12.0 86.	
										10.0	5.0	
										+ 89.	100.	S.M
22				33.2 22	33.2	33.2 22.	30.0 23.5	25.0 54.	20.0 66.	15 78.	12.0 88.	
										10.0	5.0	
										= 96.	102	S.M
21				33.2 22.	33.2	33.2 18.	30.0 28.	25.0 46.	20.0 68.	15. 82.	12.0 94.	
										10.0	5.0	
										95.	100.	S.M
20.				33.2 22	33.2	33.2 19.	30.0 25.	25.0 40.	20.0 66	15. 73.	12.0 93.	
											10.0	5.0
											= 83.	97.0
												S.M
19				33.2 22.	33.2	33.2 18.	30.0 25.	25.0 45.	20.0 63	15. 74.	12.0 80.	
											10.0	5.0
											= 76.	89.5 S.M
18				33.2	33.2	33.2 14.	30.0 30.	25.0 49.	20.0 60.	15.0 67.	12.0 74.	
											10.0	5.0
											= 69.	87. S.M
17				Ret. Wall. 33.2 20.6	33.2	33.2 12.	30.0 20.	25.0 32.	20.0 47.	15.0 60.	12.0 67.	
											10.0	5.0
											= 60.	80 S.M
16				Ret Wall. 33.2 20.6	33.2	33.2 9.	30.0 17.	25.0 27.	20.0 46.	15.0 55.	12.0 64.	
											10.0	5.0
											= 65.	76 S.M
15	19.0 49.	27.0 38.	27.4 26.	33.0 17.5	33.2 12.5	33.2	33.2 9.	30.0 16.	25.0 26.	20.0 41.	15.0 56.	12.0 63.
											10.0	5.0
											= 66.	79. S.M
14			22.5 50.	24.0 34.	33.2 11.0	33.2	33.2 9.5	30.0 18.	25.0 30.	20.0 46.	15.0 57.	12.1 64.
											10.0	5.0
											= 65.	81. S.M
13.			18.6 50.	19.0 40.	33.2 11.	33.2	33.2 12.	30.0 20.	25.0 31.	20.0 45.5	15.0 57.	12.1 64.

Use Cross Sections on
Pages 23 24 & 25
18 19 & 20

Pages 6 to 11 Incl.
12 to 13 "
Cross Section Book #15
Book #43



1480

A LINE Sta.

Measurements from A. LINE to Crest of Levee and 5-foot contours.

Sta.								
38	33.2	Crest 33.2	30.	25	20	15	10.0	5.0
		20	59	148	254	491.	499.	507
37	33.2	Crest 33.2	30.	25.	20.	15	10.0	5.0
		27.	48.	134.	208.	445.	453.	462.
36	33.2	Crest 33.2	30.	25	20	15	10.0	5.0
		38.	50	106.	185.	242	372.	377
35	33.2	Crest 33.2	30.	25.	20.	15.	10.	5.0
		51.	64.	116.	179.	252.	763.	781.
34	33.2	Crest 33.2	30.	25.	20.	15	10.0	5.0
		66	81.	115.	197.	207.	308	317.
33	33.2	Crest 33.2	30	25.	20	15	10	5.
		87	95	107.	181	184	187	195.

								15.0	10.0	5.0
								167.	177.	192.
32			33.2	33.2	30.0	25.0	20.0			11.9
				85.	95.	136	164.			175.
								15.0	10.0	5.0
								127.	139.0	153.
31			33.2	33.2	30.0	25.	20.0			11.9
				52	76.	102.	122.			136.
									10.0	5.0
									106.	118.
30			33.2	33.2	30.0	25.0	20.0	15.0		11.9
				54.	69.5	79.	90.	95.		106.
									10.0	5.0
									88	97.
29		33.2	33.2	33.2	30.0	25.0	20.0	15.0		12.0
		25.		40.	47.	61.	75.	79.		85.
									10.0	5.0
									89.	97.
28		33.2	33.2	33.2	30.0	25.0	20.0	15.0		12.0
		20.		22.5	40.	57.	76.	83		86.
									10.0	5.0
									92.	100.
27		33.2	33.2	33.2	30.0	25.0	20.0	15.0		12.0
		21.5		20.	41.	51.	74.	83.		90.

Crest

B LINE

S 1/3

X Sections

July 9/08.

23.

	L.		C			T.					
	Sidewalk	Cen Front	N. Front	Bac Rail	B Rail of Sing	Gut Ele.	Mem Wall				
14.	29.1	29.7.	31.7	31.7	31.53	30.3	36.3	32.6	25.		
	40.	43.	3		8.3	13.	45	46.	52.67		
								20	15.	10.	5.0
								63.	74.	88.	99.
			N. Front		B. Rail						
'13 Const² Line	S. Sidewalk	Cen Front				Back		S.T.			
	28.6	29.5	30.6	31.C	31.C	31.3	30.1	25.0	8.4	5.0	
	43.	47.	34.	7.		8.	38.5	34.1	71.	71.	
							30.	15.	10.0		
							34.	61.5	68.7		
	E Line Front	Sidewalk Rail	Cen Front	Space Block Pavement	N. Line Front / N. Front Siding	B. Rail		Gut Ele.		15.0	S.T.
12 + 39.84 Con: N. St.	28.4	29.1	29.8	31.6	31.2	31.4	31.8	30.3	25.2	20.0	8.4 5.0
	90.	74.	80.	16	10.0		12.	30.	33.	50	67. 69.6
								Cent			
12						31.6		32		20. 15. 10.	5.0
								31.		45. 52	58 69.
11						31.4		31.5		20 15 10.	5.
								28.5		44. 48	55. 69.

Elev: Wharf 5" of Cl. Wharf 32.6

Elev: Floor City Wharf 32.34

								Cent			
10						31.0		31.3		20. 15 10	5.
								28.		40. 48	58. 69.
								Cent			
9						30.6		31.1		20. 15. 10.	5.
								23.		39. 44	52 61.
								Cent			
8.						30.1		20.5		20 15. 10.	5.
								19.		35 41.	49. 59.

Elevation SW 1/32 - 8/13/08 >

14821

A Line
B Line
S/21

X Sections

July 9/09
78 Miles 24.

L. C. R.

	S.W.	Curb	C. Front		W. Front									
A. 0+00	76.5	73.3	73.5	74.1	78.6	79.3		79.7	B. Rail 30.4	Crest 29.7	18.0	15. 10. 64. 73.	8.3	5.0
B 22+32.95	100.	100.	47.5	42.	31.5	27.5			31.	0.31	58.		76.	84.
B 22.	Sidewalk	Curb	C. Front		W. Front				B Rail			20. 15. 10. 41. 57. 65.	S.W.	Rails
	76.4	73.5	74.0	73.7	75.0	78.9		79.2	30.53	29.6	28.4	18.4	8.3	5.0
	97.	97.	66.	47.	35.	24.5			19.6	34.	31.	52.	71.	80.
B. 21.												20.0 15.0 10.0 43. 52. 59.		
B 20+84.76 Cen. of P. St.	E Line Front		Cen. Pt Front		W. Front				B Rail				S.W.	
	74.6	75.7	75.7	75.0	78.3	79.5			31.0	30.6	28.8	18.2	8.3	5.0
	68.5	70.	59.	45.	18.5				14.	29.	26.	46.	66.	78.
B 20.	Sidewalk	Curb	Cen. Front		W. Front				B. Rail			15.0 59.	10.0 62.	S.W. Rails
	79.1	75.8	76.8	76.9	79.3	30.6			31.77	31.9	25.7	19.8	8.4	5.0
	80.5	80.5	54.5	44.	14.5				15	19.	30.	30	63.5	75.

Elev. of Farmers' Warehouse floor. 32.70.

B 19.	Sidewalk	Curb	Cen. Front		W. Front				B. Rail	Crest			S.W.	
	79.3	76.1	76.7	77.6	79.5	30.2			31.82	31.3	29.4	28.2	8.4	5.0
	74.5	76.5	50.	32.	10				12.3	19.	30.	32.	66.	75.
												20. 15. 10. 35. 53. 68.	S.W.	
B 18.	Sidewalk	Curb	Cen. Front		W. Front				B. Rail	Crest			S.W.	
	79.9	78.0	78.0		79.6	30.0			31.8	31.0	27.7	20. 20.7	8.4	5.0
	72.5	72.5	47		11				8.0	15.	17.	50. 58. 68.	66.	80.
												15. 10. 58. 66.		

for X Secs at 17+17+50 See page 27.

Elev. Oil. Co's Wharf. 30.8.

		E Line Front		Cen. Front		W. Front		Rails Track	Center Line		Crest			S.W. Rails	
B 16+61.85 Cen. of St.		76.3		79.5		31.8	31.8	31.8		31.8	30.9	29.4	27.0	8.4	5.0
		84.		44.		30.4				6.	20.	28.	54.	76.	83.
											20. 15. 10. 55.5 65. 72.			S.W.	
B. 16	Sidewalk	Curb		Cen. Front			B. Rail	B. Rail			Crest				
	30.0	77.8		78.0		79.2	31.7	31.7		31.5	30.0	24.0	21.0	8.4	5.0
	41.	41.		43.5		24.	3.5			4.	18.	41.	62.	80.	86.
													15. 10. 70.5 75.		
B 15	Sidewalk	Curb		Cen. of Front		W. Front		R. Rail			B Rail Track	Crest	Floor Warehouse	S.W. Rails	
	79.8	28.5		28.4		31.5	31.6	31.6		31.6	29.6	29.8	32.5	8.4	5.0
	68.5	68.5		42.		7.				3.5	18.9	37.	46.	87.	92.
												25. 20. 15. 10. 39. 54. 66. 75.			

A LINE

S/o	I.	C.	P.
	* For Continuation of X. Secs see page 18.		
8	27.7 27.7 30.6 (Crest) 31.0		31.08 31.3 36.2 23.6 8.2
	58. 37. 14.		10.8 16. 24. 48. 75.
7	24.9 25.9 28.6 (Crest) 29.7		29.83 29.6 29.3 21.8 8.2
	55. 25. 8.		15.3 32. 34. 46. 75.5
6	against W.P. Wall of Warehouse 20.8 22.0	21.7 21.8 30.7	29.64 30.1 21.0 8.2
		2 6.	18.4 34.5 44. 73.
5+06	24.3 25.0 28.4	29.7	29.83 29.6 30.9 8.2
	100. 40.	6.	30.6 33.5 50 75.

B.M. 25.663 plug 12' E of N.W. Cor W.P. Warehouse.
For X Secs Opp: W.P. Warehouse see next page 26.

4+30	Base Rail Stockade Bx. 27.2 27.3 27.0	26.1	(Cen. Front) 26.4	26.1	28.7	24.6	25.6	27.8					
	184. 181 176.	168.	147	131	120.	57.	17.						
3+66.08 EC.													
			24.2	24.9	27.1	(Crest) 29.5	B.Rail 29.60	Crest 28.8	19.5	15.0	8.2		
			84.	18.		10.5	26.2	42.	60.	69.	84.		
3						(Crest) 30.3	B.Rail 29.60	Crest 30.4	27.4	23.0	8.2		
		26.0	26.4	27.0		11.5	28.9	37.	54.	56.	83.		
2+55.7 CEN. B.S.11'	E. Line Front 21.7	22.4	C.L. of Front 23.2	W. Line Front 26.2	B. Rail Stockade Front 29.2	29.4	B.Rail 29.6	Crest 29.5	25.7	22.8	8.2	5.0	
	138.5	124.	98.5	58.5	23.6		30.4	46	54.	56	84.	94.	
1	Sidewalk 26.4	Curb 27.6	Cent. Front 23.3	24.3	W. Front 20.1	29.6	B Rail 29.9	B Rail 29.9	Crest 29.2	18.8	18.3	5.0	
	107.	107.	75	44.	35.		20.7	27.9	27.1	66.	81	91.	

July 9/18

X Sections opposite Western Pacific Warehouse

Nov 6/08

		L.	C.	R.		
6+90	orig. gro.	25.2 22.	27.7 15.	30.2 5.	29.8	
6+70		Face Warehouse 20.3 22	21.4 12	23.1 3	28.6 2	28.6 Slope at Wall
6+50		Face Warehouse 20.8 22.	21.1 10.	22.8	23.4 3	30.2 6 Top Levee
6		Face Warehouse 21.3 22.		21.7	23.7 5	30.2 7 Top Levee
5+50		Face Warehouse 21.3 22.		21.3	24.3 6.	27.8 9. 30.3 10. Top Levee
5+25.	orig. gro.	Wall Warehouse 25.8 22.	27.3 11.	28.3	29.8 14.	Top Levee

1485

14861

8/3. B. Line X Sections 27

	Edge Front	Sidewalk			B.R. Stem			B.R.	Plank	Plank	Ground
= 50	38.8	38.8	37.7	37.7	28.2	28.4	30.0	31.5	31.8	31.3	30.7	27.7
	82.9	74.	74.	88.	44.	27.9	13		5.4	12.0	21.0	21.
17	Edge Front		Sidewalk			B.R. Stem			BR	Plank	Plank	Ground
	39.0	39.0	37.7		28.0	28.9	30.3	31.7	31.7	31.9	31.7	26.6
	85	76.5	74.5		42.	24.	23.9		3.1	8	21.0	21.0

from page 29.

Sta. Blank Line

X Sections. Placerville Branch

June 14/09

53.

Sta	Ground	Grade	L.	C	R
+ 50	27.9	31.109	-7.6 -4.4 -3.9 -3.2 -3.7 -3.6 20.4 15.6 9. 9. 13.0		
26	27.7	31.574	-6.7 -6.5 -6.1 -4.2 -3.8 -3.0 -3.0 -3.4 19.0 10.5 9. 6. 9. 10.5 14.1		
+ 50	28.5	31.919	-7.8 -7.8 -6.1 -3.4 -3.1 -2.8 20.7 17. 9. 9. 13.2		
+ 28			-5.7 -4.5 -3.5 -3.0 -2.7 -3.5 o.o 17.6 9. 9. 16. 30. 35.0		
25	29.0	32.324	-5.3 -4.0 -3.9 -3.3 -2.8 -2.5 o.o 17.0 11. 9. 9. 20.2 24.0		
24 + 90		32.405			

0.81

0.060

62.73

Pages 53 To 56 Used In Final Estimate Item No 2.

24 + 50	28.8		-3.3 -3.3 -3.5 o.o 14.0 9.0 5.2		
23 + 87.27. F.P.	29.4	32.246	-2.8 -2.8 o.o o.o 13.2 8.5 4.3.		
23 + 08.89	29.8	32.299	o.o o.o o.o		
A o + 48.22					

78.38

See Transit Book #15, page 57
See Level Book #15, page 29

14871

Blank Line

Sta

X Sections Placerville Branch

June 14/09

54

Sta		Ground.	Grade	L.				℄				R.	
30	+ 30			-11.0 25.5	-9.2 14.5	-3.6 9.	-3.5 7.	-3.0 6.	-2.8	-2.4 5.	-3.0 7.	-3.3 9.	-9.9 26.	-12.2 27.3
30		25.37	28.274	-12.1 29.2	-9.2 19.	-3.9 10.	-3.7 9.	-3.7 6.5	-3.1 5.	-2.9	-2.7 5	-3.3 6.5	-3.8 9.	-14.0 26.	-15.6 32.4
			− 0.81											
	+ 50	25.50	28.679	-11.5 26.2	-9.3 18.	-4.0 9.	-4.0 6.	-3.3 4.	-3.2	-3.0 4.	-3.6 6.	-3.9 9.	-11.8 22.	-12.5 27.8
29		25.92	29.084	-12.0 27.0	-9.0 18.	-4.0 9.	-4.0 6.	-3.3 4.	-3.2	-3.0 4.	-3.7 6.	-3.9 9.	-12.0 20.	-12.7 28.0
	+ 50	26.23	29.489	-11.4 26.1	-9.6 20.	-4.1 9.	-4.1 6.	-3.4 4.	-3.3	-3.1 4.	-3.8 6.	-3.9 9.	-11.6 22.	-12.3 27.4
28		26.60	29.894	-11.1 25.6	-8.7 18.	-6.9 12.	-4.3 9.	-4.2 5.	-3.5 4	-3.3	-3.1 4.	-3.6 6.	-3.8 9.	-10.3 19.	-11.0 25.5
			− 0.81											
	+ 50	27.0	30.299	-7.0 19.5	-7.0 17.0	-4.2 9.	-3.5 4.	-3.3	-3.0 4.	-3.7 9.	-7.0 17.5	-7.2 19.8		
	+ 25			-9.0 22.5	-4.1 9.	-3.1	-3.3 9.	-4.1 15.2						
27		27.9	30.704	-7.4 20.1	-3.7 12.2	-2.9 9.	-2.6 6.	-2.8	-2.7 9.	-3.3 14.				
	+ 85			-3.3 14.	-3.0 9.	-2.7	-2.5 9.	-3.0 13.5						

1488

X Sections Placerville Branch June 15/09 55.

Sta.	Ground	Grade	L	C	R
+ 50	24.20	25.439	-2.2 -2.0 -2.0 -1.3 -1.2 -1.1 -1.6 -1.8 -7.9 -8.1 12.3' 9. 7.5 5. 5. 6 9. 18. 21.2		
33	24.27	25.844	-2.9 -2.7 -2.6 -1.8 -1.5 -1.4 -1.9 -2.0 -9.4 -9.6 13.4 9. 7.5 6.5 6. 7.5 9. 17. 23.4		
+ 50	24.16	26.249	-2.9 -2.7 -2.1 -2.1 -1.7 -2.6 -9.9 -10.2 12.4 9. 6.5 9. 12.0 20. 24.3		

BM. 26.951 on Spike in Elec Pole 30' R of Sta 32.

32	24.40	26.654	-3.1 -2.6 -2.2 -2.1 -2.1 13.C 9. 9. 12.2		
+ 50	24.67	27.059	-3.2 -2.8 -2.4 -2.2 -2.9 -2.9 13.8 9. 4. 9. 13.4		
31	25.02	27.464	-4.1 -3.5 -3.4 -7.6 -2.5 -2.2 -2.7 -2.7 15.2 9. 7. 5. 5. 9. 13.0		
30 + 50	25.20	27.864	-6.6 -6.9 -3.2 -3.1 -2.6 -2.7 -2.4 -2.4 -2.1 18.9 12.5 9. 7. 5. 5. 9. 12.2		

Tool House

14896

Blank LINE

X Sections Placerville Branch

June 15/09

Sta.	Ground	Grade	L.	C	R.
+50	21.8	22.199	-1.1 -1.1 -0.9 -0.4 (10.6 9. 5. 4.)	-0.4	-0.5 -1.1 -1.3 -1.4 (4.5 7. 9. 11.1)
37	21.94	22.604	-0.6 -0.6 -0.5 (9.9 9. 7.5)	-0.6	-0.5 -1.2 -1.2 -1.2 (4. 6. 9. 10.8)
+50	22.42	23.009	-3.4 -1.9 -1.8 -1.8 -0.8 (14.1 10.5 9. 6. 4.5)	-0.6	-0.7 -1.8 -1.9 (4.8 9. 11.9)
36	22.87	23.414	-0.9 -0.8 (10.4 9.)	-0.5	-0.4 -0.4 (9. 9.6)
+61	3'5t.	23.568			
+50	23.45	23.819	-0.4 -0.4 (9.6 9.)	-0.4	-0.4 -0.4 (9. 9.6)

BM. 22.590. on Concrete Cor. N.W of Corr' Iron Warehouse.

BM City Datum 17.70 Cor of alley. Rt 5.

35	23.77	24.224	-0.9 -0.9 -0.9 -0.5 (10.4 9 6. 4.5)	-0.4	-0.5 -0.7 -0.7 (5. 9. 10.0)
+50	23.96	24.629	-1.9 -1.6 -1.5 -0.7 (11.9 9. 7.0 4.5)	-0.7	-0.6 -1.0 -1.0 -1.0 (4. 5.5 9. 10.5)
34	24.15	25.03	-1.7 -1.8 -1.6 -0.8 (11.9 9. 7 5.)	-0.9	-0.8 -1.2 -1.4 -1.8 (5. 6. 9. 11.7)

Pages 56 To 59 Used In
Final Estimate Item No 3.

0641

X Sections Placerville Branch. June 15/09

Blank Sta.	Line	Ground	Grade	L.	C.	R.
41		19.18	19.364	-5.3 -5.1 -1.3 -1.3 -0.2 -0.2 -0.4 -1.0 17.0 14. 9. 6. 4. 9. 10.5		
	+50	19.56	19.769	-2.6 -1.5 -1.6 -0.2 -0.2 -0.3 -1.0 -1.1 -1.2 12.9 9. 6.5 4. 5. 6.5 9. 10.8		
40		19.98	20.174	-0.2 -0.2 -0.2 0.0 9.3 9. 9.0		
	+50	20.28	20.579	-2.8 -1.5 -0.3 -0.3 -0.3 -0.8 -0.4 -0.4 13.2 9. 4. 5. 7.5 9. 9.6.		
39		20.55	20.984	-2.1 -1.4 -1.4 -0.4 -0.4 -0.4 -0.9 -1.2 -1.2 13.2 9. 7.5 5. 4.5 6.5 9. 10.8		
	+50	20.9	21.389	-1.4 -1.4 -1.4 -0.6 -0.5 -0.7 -1.1 -1.1 -1.2 11.1 9 7.5 5. 4.5 7. 9. 10.8		
38		21.32	21.794	-1.4 -1.2 -1.0 -0.4 -0.5 -0.5 -1.0 -1.1 -1.2 11.1 9. 6. 4. 4.5 7.5 9. 10.8		

54

1641

Blank LINE Sta. | Ground | Grade | X Sections Placerville Branch June 15/09

Sta.	Ground	Grade	L.	C.	R.
45	17.05	16.124	-0.7 -0.6 -0.6 0.0 +0.9 +0.9 +0.9 0.0 0.0 10.0 9. 7.5 6.4 4.5 4.5 7.0 9.0		
+50	17.1	16.599	-0.8 -0.6 -0.5 0.0 +0.6 +0.6 +0.6 0.0 -0.4 -0.3 -0.3 10.2 9. 7.5 6. 4 4 6.5 7.5 9 9.4		
44	17.61	16.934	-1.1 -0.7 0.0 +0.7 +0.4 0.0 -0.6 -0.6 10.6 9. 5.0 4 5.6 9. 9.9		
+50	17.7	17.339	-2.9 -0.9 0.0 +0.4 0.0 -0.5 -0.6 13.4 9. 5.0 5.5 9. 9.9		
43.	18.16	17.744	-4.0 -0.8 -0.8 0.0 0.0 0.0 -0.4 -0.4 -0.4 15.0 9. 7.5 5. 5. 7.5 9. 9.6		

BM. 18.260 on Nail S.E Cor of Platform 35'L.

+50		18.149	-4.5 -4.4 -1.2 1.0 0.0 0.0 0.0 -0.7 -0.7 -0.7 15.8 14. 9. 7. 4.5 5. 7. 9. 10.0		
42	18.63	18.554	-4.7 -1.2 -1.1 0.0 0.0 0.0 -0.9 -0.9 -1.1 16.0 9. 6.5 4. 4.3 7. 9. 10.6		
41+50		18.959	-5.4 -4.9 -1.4 -1.3 0.0 0.0 -0.2 -1.0 -0.8 -0.8 17.1 15.5 9. 7. 4.5 4. 6. 9. 10.2		

2641

Blank Line — X Sections Placerville Branch — June 15/09 — 59

S½ Ground Grade. L. C. R.

47		14.504	0.0 9.0						0.0 9.0	
	+50	14.909	0.0 9.0	+0.2 7.	+1.2 5.	+1.2	+1.2 4.5	0.0 7.5	0.0 9.0	
46		16.33 15.314	-0.5 9.8	-0.5 9.	-0.3 7.5	0.0 6.5	+1.0 5	+1.0	+1.0 5	0.0 7.	0.0 9.
45+50		15.719	-0.4 9.2	-0.4 9.	0.0 6.	+1.0 5.	+1.0	+1.0 4.5	0.0 8.0	0.0 9.0	

1493

X Sections on 3rd St R July 9/09 60.

	East Curb	C.	West Curb
3+65 N° Line S. 5th	15.6 24	16.6	15.5 24.
3+00	15.9 24.	16.4	15.7 24.
2+50	16.0 24.	16.6	16.1 24.
2+05 S° Alley Line	16.0 24.	17.0	16.3 24.
1+85 N° Alley Line	16.3 24.	17.4	16.8 24.
1+50	17.6 24.	18.8	17.9 24.
1+00	20.0 24.	20.8	20.1 24.
0+50	21.2 24.	22.3	21.3 24.
0+25	22.5 24.	23.0	22.3 24.
0+00 Cen: Track. 3rd St	To Placerville. Cen. Track.	B.R. 23.0	
0+25	21.2 24.	22.0	22.4 24.
0+50	20.0 24.	21.2	20.4 24.
0+63.7 Cen M.P. Track.		21.6 B.R.	

61.

Sta:	Grade.	X Sections ℄ Line L.	℄.	R.
0+78.38		0.0 / 9.0	0.0	0.0 / 4.3 -3.1 / 9.0 -14.0 / 38.3 -14.7 / 43.3
0+00		0.0 / 9.0	0.0	0.0 / 9.0

See Transit Book #15, page 55
See Level Book #15, page 34

Pages 61 To 63 Used In Final Estimate Item No 4

14951

℄ Line Sta	Ground	Grade	X-Sections ℄ Line L.	℄	R.
4		29.553	-4.2 -5.6 -6.1 -6.2 -6.6 -6.7 -6.4 15.3 14. 9. 6.5 9. 18.6		
	+ 50	30.347	-4.5 -6.0 -6.5 -6.4 -6.4 -7.4 -9.3 -10.9 15.8 14.5 9. 6.5 9. 15. 25.4		
3		31.142	-3.1 -6.4 -7.3 -8.2 -11.4 -11.7 -12.0 13.6 9. 6.5 9. 20. 27.0		
	+ 50	31.937	0.0 -5.9 -7.9 -9.2 -11.9 -13.3 13.8 6.5 3.5 9. 9.		
2		32.732	0.0 -1.5 -6.0 -13.9 -14.6 -14.6 8.7 6.5 12. 20. 30.9		
1 + 90		32.891			
1 + 75		32.90	0.0 -4.4 -13.9 -15.4 6.6 14.7 32.1		
1 + 50		32.915	0.0 -2.4 -7.8 -7.2 3.6 8.3 22.8		
1 + 24.5			0.0 -0.5 -7.2 -9.5 1.0 10.3 23.2		

- 1.589 7.5

Pages 63 To 64 Used In
Final Estimate Item No 5.

1497

June 21 1900

64.

Sta. Ground Grade. X Sections ℄ Line.

Sta.	Ground Grade.	X Sections ℄ Line.
33+33.6 = 11+72.01	Blank Line	
11+50	25.750	0.0 0.0 0.0 0.0 8.2 −8.9 22.0 −11.0 75.5
11+17. Holder 20.5 Rt. 0.8		
11+00	26.155	0.0 0.0 5.0 −9.9 19.3 −9.8 23.7
10+53.4	26.532	0.0 0.8 −0.5 −2.1 2.8 −2.0 5. −7.6 9. −4.0 12.5 −9.6 23. −9.6 23.4
10+25		0.0 2.9 −1.9 −2.1 6. −2.5 9. −3.2 10.8
10+00		0.0 8.2 −1.9 −1.9 5.3 −2.7 9. −3.4 14.1
9+80		0.0 13.5 −3.5 9.7 −2.6 −2.6 4. −3.6 9. −4.4 15.6
9+65		0.0 18.0 −2.5 14.2 −2.5 −2.7 4. −3.6 6.5 −8.4 11. −9.2 14.6 Fence
9+50		0.0 21.1 −1.9 19.2 −2.5 14. −2.7 −3.0 4. −3.6 6. −5.7 9. −8.5 12. −9.1 14.5 −10.5 24.8 Fence
9		−2.5 31.0 −2.9 9. −2.9 −3.0 4. −3.7 7.5 −4.2 9. −7.6 13. −8.5 14.9 −9.6 23.4 Fence
8+50		−12.4 40.6 −12.0 33.0 −3.2 19. −3.0 9. −3.1 −3.9 5. −4.4 9. −8.2 15.8 −9.6 23.4
8+28		−13.5 42.2 −13.0 35. −2.9 20. −2.7 9 −3.1 −3.5 4. −6.7 11 −9.0 22.5

Level.

2nd

2nd

Fence

Fence

Fence

Fence

Fence

1498

S/2

X Sections at R^t Angles to "C" LINE July 31/09 65.
in Friend & Terry Lumber Yard

6

LINE of Warehouse
24.1 24.8 24.9
59. 43. 20.

5+50

LINE of Warehouse
20.5 24.3 24.6 23.8 25.6
83.5 75. 56. 45. 24.

5

LINE of Warehouse
24.8 24.4 24.6 24.8 26.0 26.1
117.0 90. 70. 40 35 25.

4+50

22.7 26.3 25.7 25.2
108. 96. 80. 36.

4

32.7 28.8 27.9
70.0 62. 38.

3+50

32.8 29.4 28.7
46.0 40. 32.

6641

St 3 — X Sections on 2nd & R Streets — Sept 7/09 — 66.

	Curb Line		Curb Line
3 + 70.3 N°Line S" St.	15.7 24.	15.7	15.4 24.
3 + 50	15.1 24.	15.4	15.0 24.
2 + 50	15.4 24.	15.6	15.0 24.
1 + 90.3 N°Line Alley	15.5 24	15.7	15.1 24.
1 + 50	15.7 24.	16.0	15.1 24.
1	17.0 24	18.0	16.4 24.
0 + 50.	20.3 24.	20.9	20.9 24.
0 + 30.3 S°Line R.	23.3 24.	24.0	22.7 24.
0 + 20		26.1	
0 + 15.4 Cen C. Line B. Rail	Lt.	26.2	Rt
0 + 11		26.2	
0 + 06'		27.8	

South
Cen. Track Blank Line Base Rail.
North.

	27.4
0 + 08.	27.5
0 + .28	24.6
0 + 54.	26.8
0 + 58 B.R. West. Pacific Track	27.3
0 + 63	26.6
0 + 84	23.1
1	22.7
+ 50	20.8
2	19.8
+ 45	16.8
3	17.7

1500

S/2. X. Sections Union Oil Co's Spur aug 19/09 68.

	Grade	L.			C		R.			
+ 17.5		-4.4	-3.1	-1.1	-0.9	0.0				
		15.6	9.		9.	36.0				
4		-13.6	-13.6	-11.8	-11.0	-9.3	0.0			
		29.4	28.	9.		9	44.0			
+ 74		-13.6	-13.6	-13.7	-13.6	-13.1	-11.4	-1.5	0.0	
		29.4	9.		9.	31.5	42.	61.	66.	
+ 50		-13.5	-13.5	-13.5	-13.5	-13.2	-1.7	0.0		
		29.2	9.		9.	31.5	54.	62.0		
3		-13.6	-13.4	-13.5	-13.6	-12.8	-1.7	0.0		
		29.4	9.		9.	17.	37.	44.2		
2 + 50		-13.3	-13.2	-13.5	-9.3	-1.4	0.0			
		29.0	9.		9.	20.5	28.0			
2		-13.6	-12.7	-8.1	-1.5	-1.0	0.0			
		29.4	9.		9	10.5	14.0			
+ 50		-13.6	-13.4	-10.1		-4.3	-1.0	-0.7	-0.7	0.0
		29.4	16.	9.			5.8.	9.	10.0	11.0
1			-13.9	-13.8	-6.5	-1.1		0.0		
			29.9	22.	9.			9.0		
0 + 62.6		-13.3	-13.2	-4.0	-1.2	-1.0		0.0		
		29.0	27.	9.	4.			9.0		
0	33.20			0.0		0.0		0.0		
				9.0				9.0		

Level.

1501

S/3. X Secs: Union Oil Co & Spur aug 19/09. 69.

Grade		L	C.	R					
6 + 46.7		-14.2	-14.1	-13.6	-13.8	-12.7	0.0		
		8.5		9.	32.	61.	80.		
6		-13.9	-13.9	-14.0	-11.3	-11.1	-13.3	-12.9	0.0
		8.5		2	11.	25.	34.	58.	79.
+ 50		-13.8	-13.9	-13.6	-11.5	-9.0	-8.4	-13.1	-12.7	0.0
		8.5		4.5	9.	12.5	30.	41.	52.	75.
5		-14.0	-13.9	-13.7	-11.3	-5.7	-5.5	-12.4	-12.5	0.0
		8.5		3.	9.	17.	33.	46.	58.	74.
+ 73		-12.8	-13.2	-10.3	-6.5	-3.6	-3.6	-12.2	0.0
		8.5		9.	17.	19.	34.	50.	70.5
+ 50		-3.7	-4.1	-5.3	-5.9	-5.1	-2.1	-2.0	-6.4	-5.7	0.0
		14.6	8.5		9.	13.	19.	36.	46.	60.	70.
4 + 41		-1.3	-1.4	-1.7	-1.1	-0.9	-3.1	-3.6	0.0
		11.0	9.		9.	39.	44.	63.	69.5
4 + 25	33.20.	-1.1	-1.0	-1.1	-0.8	0.0
		10.6	9.		9.	44.0

Level.

1502